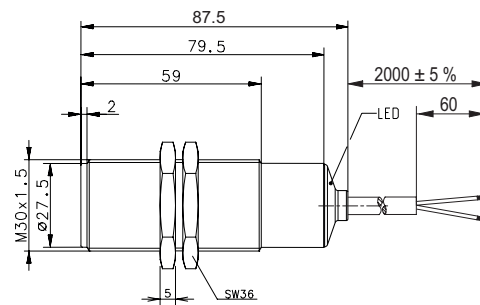
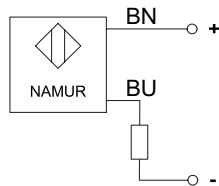


Capacitive Proximity Switch - Namur Series M30

Description **KCN-T30ES/015-L2**

Article number **6506623001**

Wiring Diagram



Identifying characteristics in accordance with DIN EN 60947-5-6

Electrical data		
Mounting		non flush
Rated operating distance	S_n	15 mm (Characteristic acc. to DIN EN 60947-5-6, 5.4 Fig. 2)
Standard target		45 mm x 45 mm, t=1 mm; material: FE
Assured operating distance	S_a	0 ... 12 mm
Wiederholgenauigkeit	R	< 5 %
Rated voltage	U_n	DC 8 V
Rated operational voltage	U_e	DC 5 ... 25 V
Ripple		≤ 5 %
Current input	I	> 3,5 mA ($U_n = 8 V$ and $R_i = 1 k\Omega$) sensing face damping < 1,2 mA ($U_n = 8 V$ and $R_i = 1 k\Omega$) sensing face free
Frequency of operating cycles	f	100 Hz

Mechanical data	
Enclosure	PBT, black
End cap	PA 12, transparent
Ambient air temperature	-25 °C ... +70 °C
Type of protection	IP67
Indication	LED, yellow
Termination type	Cable 2 x 0,5 mm ² , PVC - Outer jacket, black
For attachment	2 x hexagon nut, PA 6.6, black

EU Conformity

acc. to directive 2014/30/EU (EMC-Directive)

EMC

acc. to EN 60947-5-2

Notes
Overvoltage protection at 10-30 V for 400 ms.